



Los Alamos Women in Science

Northern Chapter of the New Mexico Network for Women in Science and Engineering

and

Los Alamos National Laboratory

Present



TECHNICAL CAREER WORKSHOPS FOR YOUNG WOMEN



**Thursday, March 31, 2005
8:00 a.m. to 3:30 p.m.
3600 Canyon Road, Los Alamos, NM**


<http://nmnwse.org/lawis/eyh>

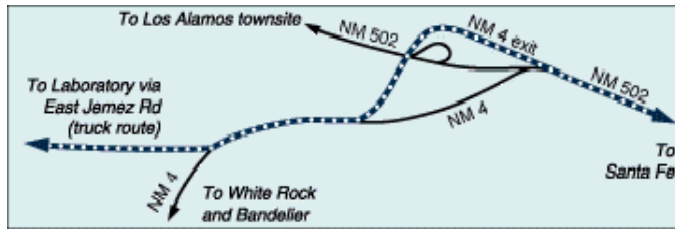


Attendance is limited: Early registration is strongly encouraged!



EXPANDING YOUR HORIZONS WORKSHOP GOALS:

- To increase young women's interest in and awareness of mathematics, science, and other nontraditional professions.
 - To provide students an opportunity to meet and form personal contacts with women working in traditionally male occupations.
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EYH05 / TC05 LOCATION

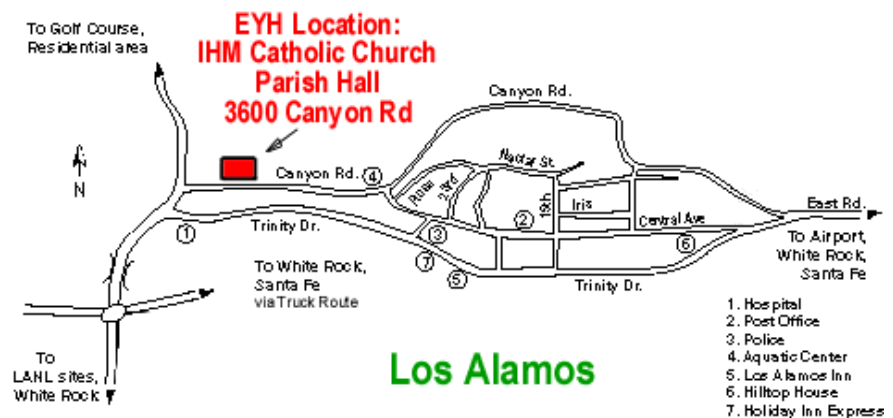
EYH05 location:
Immaculate Heart of Mary
Catholic Church Parish Hall
3600 Canyon Road, Los Alamos, NM
 (same location as last year)

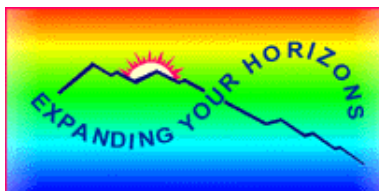
TC05 location:
Departs from EYH05 registration desk

If you / your students are attending EYH05:
 Park at the EYH05 location. We will have people in the parking lot to help direct you / your student to the EYH05 registration desk.

If you are attending TC05:
 Proceed to the EYH05 registration desk. If you have students attending EYH05 help them sign in. You will then be directed where to gather for TC05. If TC05 is offsite, we will provide transportation from EYH05 to TC05 and back.

Main EYH05 page: <http://nmnwse.org/lawis/eyh>





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3600 Canyon Rd, Los Alamos, NM <http://nmnwse.org/lawis/eyh>

The **2005 Expanding Your Horizons Conference (EYH05)** will be held on **Thursday, March 31**, at the Immaculate Heart of Mary Catholic Church Parish Hall in Los Alamos from 8:00 am to 3:30 pm. We are asking you to place this important date on your school calendar.

This conference offers **students in grades 8, 9, and 10** a unique opportunity to explore careers in science, engineering, and mathematics. Each young woman will participate in two "hands-on" workshops conducted by outstanding women scientists. Lunch will be provided, and the day will finish with our featured speaker Abigail M. Sussman - wilderness ranger, environmental educator, and writer. We hope many of the young women attending EYH05 will be inspired by her keynote address, *Adventures of the Unexpected Scientist!*

We invite each school to bring **ten young women**. Application forms and further information are enclosed.

For the students' teachers or adult sponsors who choose to accompany the students to EYH05, we are hosting a **Teacher Conference (TC05)**, finishing also with the keynote speaker. The program is designed to compliment previous adult programs taking into account that there will be both new and returning attendees. *A separate invitation letter and registration form are enclosed.*

We strongly recommend getting the registration forms in by **March 11** if possible. Registrations after this deadline will be accepted only as space is available. (We are targeting having 200 participants this year; if you wish to bring more than ten students please include a note as to why the additional students might particularly benefit from attending EYH05.) While we encourage the participants to stay for the entire day, we can accommodate schools whose schedules do not allow this. However, **if you leave early you must check out** at the registration desk.

Registrations may be returned by regular mail, FAX, or email. **Replies by March 11 get first priority.** Registrations submitted after that date will be accepted on a space available basis; we recommend FAX for late registrations. Late registration closes on March 25th. After March 25th, please call to inquire if space is still available for on-site registration.

Note: Student registration forms require signature from student's parent or guardian.

On-line information can be found at <http://nmnwse.org/lawis/eyh>.

If you have any questions, you can contact:

EYH Chair:

Georgia Pedicini
CCN-7, MS T084
Los Alamos National Laboratory
Los Alamos, NM 87545
gap@lanl.gov
Phone: (505) 667-8117
Fax: (505) 667-0168

EYH Registration:

Lisa Colletti
C-AAC, MS G740
Los Alamos National Laboratory
Los Alamos, NM 87545
lcolletti@lanl.gov
Phone: (505) 667-9621
Fax: (505) 665-4737

Teacher Conference:

Dana Roberson
CIO-PO, MS B278
Los Alamos National Laboratory
Los Alamos, NM 87545
dsroberson@lanl.gov
Phone: (505) 665-0601
Fax: (505) 667-9012

EYH05 and TC05 locations are the same as for the last two years - see the enclosed directions for more details. Also, the exact schedules of EYH05 and TC05 are subject to change. Participants who register by March 11th will be sent confirmation of their registration, along with any additional maps or program updates.

This will be our 27th Annual Expanding Your Horizons Conference jointly sponsored by the Northern Chapter of the New Mexico Network for Women in Science and Engineering and by Los Alamos National Laboratory. Both organizations are eager to expand your student's horizons and invite you to join us and other guests from Northern New Mexico for an enriching day!


Sincerely,

Georgia Pedicini
for Los Alamos Women in Science



Acknowledgements

Please see the program brochure (available early March, 2005) for the many individuals and organizations whose contributions made this event possible. EYH05 is licensed by the New Mexico Network for Women in Science and Engineering (NMNWSE) from the Math/Science Network.

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- ***Careers: Exploring the Possibilities***, Our Careers Booklet, created and published by NMNWSE for our EYH workshops. A copy is given to all EYH student participants.
<http://nmnwse.org/career.htm>
 - Other NMNWSE Chapter EYH Workshops:
<http://nmnwse.org/EYH.html>
 - Math/Science Network's National EYH page:
<http://www.expandingyourhorizons.org>

EYH05/TC05 home page: <http://nmnwse.org/lawis/eyh>
LAWIS home page: <http://nmnwse.org/lawis>
NMNWSE home page: <http://nmnwse.org>



TECHNICAL CAREER WORKSHOPS FOR YOUNG WOMEN

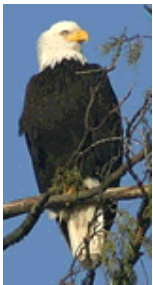
Thursday, March 31, 2005, 8:00 a.m. to 3:30 p.m.

3600 Canyon Rd, Los Alamos, NM

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EYH Keynote speaker

Abigail M. Sussman, Wilderness Ranger *Adventures of the Unexpected Scientist*



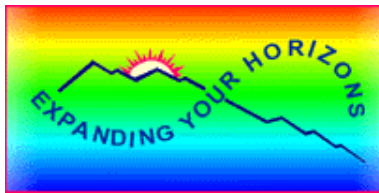
USFS photo

Abigail Sussman, wilderness ranger, environmental educator and writer, is excited to be a part of Northern New Mexico's EYH events of 2005. Born and raised in eastern Pennsylvania, Sussman spent her childhood summers barefoot, climbing the dogwood tree in her family's front yard or trying to catch turtles in a nearby creek. Sussman was graduated from Ithaca College in 1999 with a degree in Nature Writing and has since spent many summers exploring and studying ecosystems far beyond her backyard. These adventures have taken her from the arid badlands of South Dakota to the temperate rainforest of Alaska. Along the way, she learned how to tag small mammals by clipping their toenails, extract fossils from the earth, and convince herself that the heavy footsteps outside her tent are just from a family of deer. Her experiences have most recently led her to pursue a graduate degree in Natural Resource Management. She currently lives in Bellingham, Washington and works on the flanks of the local (and active) volcano, Mount Baker.

 *A Day in the Life of a Wilderness Ranger*
by Abigail Sussman
<http://www.nps.gov/noca/challenger/ch5.htm>



Main LAWIS/EYH05 Web Page:
<http://nmnwse.org/lawis/eyh>



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Thursday, March 31, 2005, 8:00 a.m. to 3:30 p.m.
3600 Canyon Rd, Los Alamos, NM <http://nmnwse.org/lawis/eyh>

PROGRAM

8:00-8:30	Registration, Welcome, and Morning Snack
8:30-9:45	Team Activity
10:00-11:15	Student Workshop One
11:30-12:45	Lunch (lunch available at 11:15 for closer workshops)
1:00-2:15	Student Workshop Two
2:25-2:30	Afternoon Snack (snack available at 2:15 for closer workshops)
2:30-3:25	Keynote Speaker M. Sussman, Wilderness Ranger Abigail M. Sussman, Wilderness Ranger <i>Adventures of the Unexpected Scientist</i>
3:30	Departure

Lunch will be provided and you are encouraged to stay for the entire day. The talk at 2:30 by Abigail Sussman - writer, educator, and wilderness ranger - should be a real treat!

Adult sponsors please note:

There will be a separate program for the adult sponsors who choose to accompany the students to EYH05, finishing also with the keynote talk. An invitation letter and separate registration materials are posted on the EYH05 website (<http://nmnwse.org/lawis/eyh>), or contact the Teacher Conference Coordinator Dana Roberson, 505-665-0601, dsroberson@lanl.gov, for information.

Main LAWIS/EYH05 Web Page: <http://nmnwse.org/lawis/eyh>



01 January 2005

Teacher Conference (TC05)

Thursday March 31, 2005

3600 Canyon Road, Los Alamos, NM

Sponsored by Los Alamos Women in Science and
the Los Alamos National Laboratory

Dear Science or Math Educator:

As women scientists, we are aware of the positive influence teachers have on career choices made by students. In recognition your efforts, we are hosting a Teacher Conference (TC05) in parallel with the annual Expanding Your Horizons Conference (EYH05) on **Thursday, March 31, 2005**. Registration for TC05 is open to all educators, but we especially invite those teachers and adult sponsors who are accompanying students attending EYH05.

While we are still early in the planning stages and so do not have much detail, we can say that the Teacher Conference will be similar in format to last year's well-received program. There will be workshops in the morning and a science activity in the afternoon, after which we will join the students attending EYH05 for the keynote address, *Adventures of the Unexpected Scientist*, by Abigail M. Sussman, wilderness ranger, environmental educator, and writer. TC05 is designed to compliment previous Teacher Conferences, taking into account that there will be both new and returning attendees.

Registration for the Teacher Conference is free, and we will provide your lunch that day.

I hope that you, as a math or science teacher interested in encouraging female students to pursue engineering/math/science/technology careers, will register for this Teacher Conference. Just complete and return the Teacher Conference Registration portion of the Adult Sponsor Form.

Hope to see you on March 31!
Dana Roberson

CIO-PO, MS B278
Los Alamos National Laboratory
Los Alamos, NM 87575

TEL: (505) 665-0601
FAX: (505) 667-9012
E-Mail: dsroberson@lanl.gov

Online Information: <http://nmnwse.org/lawis/eyh>

Expanding Your Horizons 2005 Teacher Conference

Thursday, March 31, 2005, 8:00 AM to 3:30 PM

Departs from the EYH05 Registration Desk

3600 Canyon Rd, Los Alamos, NM

<http://nmnwse.org/lawis/eyh>

Sponsored by Los Alamos Women in Science
and Los Alamos National Laboratory

EYH Teacher Conference

Departs from EYH05

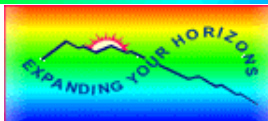


Getting an Education
Isn't Just Going To School
Learning is a lifelong experience,
with every day offering new opportunities
to explore your world.

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PROGRAM	
8:00 - 8:30	Deliver Students to EYH05 location (Immaculate Heart of Mary Catholic Church Parish Hall, 3600 Canyon Road, Los Alamos)
8:30 - 8:45	(transportation to TC05 location, if not same)
8:45 - 9:00	<i>Welcome and Introduction of Speakers</i>
9:00 - 11:30	Speakers and / or Demonstrations
11:35 - 12:30	Lunch (Provided)
12:30 - 12:45	break
12:45 - 2:15	Speakers and / or Demonstrations
2:15 - 2:30	(transportation to TC05 location, if not same)
2:30 - 3:25	Join students for EYH '05 Keynote Speaker Abigail M. Sussman , Wilderness Ranger, Environmental Educator, and Writer
3:25 - 3:35	departure

EYH05 / TC05 webpage <http://nmnwse.org/lawis/eyh>



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<http://nmnwse.org/lawis/eyh>

TEACHER CONFERENCE (TC05)

Thursday, March 31, 2005, 8:00 AM to 3:30 PM -- Departs from the EYH05 Registration Desk

TC05 REGISTRATION / EYH05 SPONSOR INFORMATION

(Please type or Print clearly)

Adult Sponsors: All students attending EYH05 must have an adult sponsor, *e.g.* a teacher, counselor, parent, or guardian. The purpose of the adult sponsor is to have someone to contact should a question arise as to the eligibility of the student to attend EYH05, or to recommend the student if we are forced to choose between applicants due to space limitations. *The sponsors do not have to accompany their students to EYH05.* However, if you do, you can register for the same day Teacher Conference (TC05) using this form. Contact the Teacher Conference Coordinator Dana Roberson, 505-665-0601, dsroberson@lanl.gov, for more information on TC05.

TC05 Registrants: If you do not have students attending EYH05, please skip the lines referring to students.

First Name:	Last Name:
Parent/Guardian ____ Teacher ____ Counselor ____ Other ____	
Daytime Phone:	Email (if applicable):
School Name:	
Principal's name:	School Phone:
School mailing address (or sponsor's mailing address if not teacher or counselor):	
Do you plan to attend the Teacher Conference? Yes ____ No ____ <i>If so, please provide the following additional information:</i>	
Evening Phone: _____	US citizen*? Yes ____ No ____
(*Only US citizens can attend certain workshops held on LANL property. Non-citizens will not be assigned to these workshops.)	
Name(s) of Student(s) you are sponsoring:	
(If more than 10, please list first the 10 candidates who would benefit most from EYH05. Continue on separate sheet if necessary)	
Other Information you'd like us to consider:	
(e.g., Special needs for self or student, Justification for more than 10 students. Continue on separate sheet if necessary)	

Please send this form and the student registration(s) as soon as possible to:

EYH05 c/o Lisa Colletti

C-AAC, MS G740

Los Alamos National Laboratory

Los Alamos, NM 87545

TEL: 505-667-9621

FAX: 505-665-4737

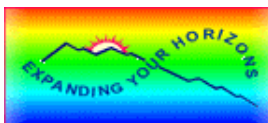
EMAIL: lcolletti@lanl.gov

Please contact Lisa Colletti if you need more information about registration.

For more information on TC05 please contact the Teacher Conference Coordinator Dana Roberson, 505-665-0601, dsroberson@lanl.gov.

Registrations received by **March 11** receive first priority. Registrations submitted after that date will be accepted on a space available basis; we recommend FAX for late registrations. Late registration closes on March 25th. After March 25th, please call to inquire if space is still available for on-site registration.

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STUDENT PARTICIPANT REGISTRATION FORM

(Please type or Print clearly)

First Name:		Last Name:	
Street Address:			
City:		State:	Zip:
Telephone:		Grade (8th or higher):	US Citizen? * Yes _____ No _____
School:			
Teacher or Adult Sponsor (see Note on Adult Sponsor form):			
Please indicate your general area(s) of interest: <input type="checkbox"/> Physical Sciences <input type="checkbox"/> Biological or Medical Science <input type="checkbox"/> Math or Computer Sciences <input type="checkbox"/> Don't Know <input type="checkbox"/> Other (list below)			
Special Interests:			
Have you attended an EYH conference in the past? (<input type="checkbox"/> Yes / <input type="checkbox"/> No) If yes, please note workshops attended:			
Special Needs or Accommodations, Dietary Preferences, or Other Information you would like us to consider:			

* Only US citizens can attend certain workshops held on LANL property. Non-citizens will not be assigned to these workshops.

My child is in at least 8th grade and has my permission to attend Expanding Your Horizons. I (<input type="checkbox"/> do / <input type="checkbox"/> do not) give my permission for her to use public transportation if necessary to attend the workshops. I (<input type="checkbox"/> do / <input type="checkbox"/> do not) give my permission for her to be photographed for publicity purposes. In the event of any emergency while my child is attending EYH, I (<input type="checkbox"/> do / <input type="checkbox"/> do not) give my permission for her to receive emergency medical treatment and care. Registrations must be signed by a Parent or Guardian to be considered. If your child needs special assistance (e.g. wheelchair access), please be sure it is indicated above.		
Parent or Guardian (please print name):	Parent or Guardian signature:	Daytime phone in case of an emergency:
Alternate emergency contact:		
Name	Daytime telephone	Relationship to EYH participant

Please give this form to your adult sponsor, or send directly to:

EYH05 c/o Lisa Colletti

C-AAC, MS G740

Los Alamos National Laboratory

Los Alamos, NM 87545

TEL: 505-667-9621

FAX: 505-665-4737

EMAIL: lcolletti@lanl.gov

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